CLAIMS:

1. A multi-layer structure for packaging formed by at least an inner layer, an outer layer and an intermediate layer, said intermediate layer having an islands-in-a-sea structure comprising a resin A constituting sea portions and a functional resin B constituting island portions, the sea portions occupying not more than 80% of the area of the intermediate layer in cross section, and the inner layer and the outer layer being resins having adhesiveness to said resin A.

2. A packaging container according to claim 1, wherein the island portions have an average domain diameter r of smaller than 3.5 μm and a dispersion parameter Q of larger than 0.68, the average domain diameter r being expressed by the following formula (1),

$$r = \sum_{1}^{n} r_i/n \qquad \text{--- (1)}$$

and the dispersion parameter Q being expressed by the following formula (2),

$$Q = \sum_{1}^{n} Q_i \cdot \ln Q_i / \ln(1/n) \qquad \text{--- (2)}$$

wherein r_i is a domain diameter, n is a number of domains, and when a short diameter of domain is a_i and a long diameter of domain is b_i, the domain diameter r_i is $r_i = (a_i + b_i)/2$, and

$$Q_i = \pi(r_i/2)^2 / \left(\sum_{1}^{n} \pi(r_i/2)^2\right)$$

3. A multi-layer structure for packaging according to claim 1, wherein the resin A is a

polyester.

4. A multi-layer structure for packaging according to claim 1, wherein the functional resin B is a gas barrier resin.

5. A multi-layer structure for packaging according to claim 1, wherein the intermediate layer has oxygen-absorbing ability.

6. A multi-layer structure for packaging according to claim 5, wherein the functional resin B contains an oxidizing organic component and a catalyst.

7. A multi-layer structure for packaging according to claim 6, wherein the oxidizing organic component is not existing in the sea portions comprising the resin A.

8. A multi-layer structure for packaging according to claim 1, wherein the organic resin B has a melt viscosity relatively higher than that of the resin A.